

ABSTRACT

When fine metal particles of a nanometer size are handled in a state of colloidal particles, it is difficult to handle them and the range of the selection of the solvent to be used is limited. The invention offers a granular metal powder 5 that is produced by the steps of (a) preparing a solution comprising (a1) water or an organic solvent, (a2) an organic compound capable of being adsorbed on the surface of metal particles, and (a3) metal particles having an average particle diameter of at least 1 nm and at most 100 nm and (b) removing most of the water or organic solvent form the solution and that has an apparent density 10 of at least 1.0 g/ml and at most 5.0 g/ml. The granular metal powder can be handled as a dry metal powder and is readily redispersed in a solvent.